CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, VOLUME 46

AUTHOR INDEX

Under each name are listed, in chronological order of publication, all articles in which an author has participated.

Ács, Zs.
The hypophyseal–adrenocortical response to various different stressing procedures in ACTH-treated rats. E. Stark, Zs. Ács, G. B. Makara, and K. Mihály, 567.

Adamkiewicz, V. W.
Experimental immune hemolytic anemia and blood sugar levels. V. W. Adamkiewicz, V. M. Skanes, and P. J. Sacra, 621.

Alexander, W. D.
The calibration of bicycle ergometers. G. R. Cumming and W. D. Alexander, 917.

Anderson, N. M.
Regional myoglobin concentration in the myocardium of the dog. N. M. Anderson and G. Brandi, 908.

Atwood, H. L.
Influence of nitrate and other anions on fast and slow contractions of crab muscle. H. L. Atwood, 1.

Baer, E.
Phosphonolipids. XV. Synthesis of a dihydroceramide aminoethylphosphonate. E. Baer and B. C. Pal, 525.

Baker, D. G.
The effect of X-irradiation and thermal burn on the intestinal mucosa. D. G. Baker and F. A. Valeriote, 533.

Ballieux, R. E.
A microelectrophoresis method for heparin. L. B. Jaques, R. E. Ballieux, C. P. Dietrich, and L. W. Kavanagh, 351.

Bannard, R. A. B.
Cholinolytics in the treatment of anticholinesterase poisoning. V. The effectiveness of Parpanit with oximes in the treatment of organophosphorus poisoning. I. W. Coleman, G. E. Patton, and R. A. B. Bannard, 109.

Baynton, R. D.
The intrarenal distribution of urea-^{14}C as shown by autoradiography. R. D. Baynton and P. F. Mercer, 281.

Beaton, J. R.
Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 19.
Diet and body weight loss in the rat during calorie restriction. P. B. Karch and J. R. Beaton, 101.
Erratum: Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 702.

Beaudry, P. H.
A manometric determination of nitrogen in small samples of blood. Application to measurement of arterial–alveolar nitrogen difference in man. J. Kabe and P. H. Beaudry, 795.

Bencosme, S. A.
Selective staining of secretory granules of adrenal medullary cells by silver methenamine: A light and electron microscopic study. W. W. L. Chang and S. A. Bencosme, 745.

Bhargava, K. P.
Hypotensive action of bretylium after central administration. B. P. Jaju, K. K. Tangri, and K. P. Bhargava, 687.

Biely, J.
The influence of diet on toxicity of the antioxidant 1,2-dihydro-6-ethoxy-2,2,4-trimethylquinoline. B. E. March, J. Biely, and V. Coates, 145.

Biem, H. B.
Relation of emotional status to spontaneous hemorrhage in rats. H. B. Biem and L. B. Jaques, 221.

Biron, P.
Removal of angiotensins from the systemic circulation. P. Biron, P. Meyer, and J.-C. Panisset, 175.

Blatt, W. F.
Heat tolerance of the resting and exercising rat. S. M. Robinson, W. F. Blatt, and C. Teplitz, 189.

Blumenstein, J.
Studies in phospholipid metabolism. 2. Incorporation of metabolic precursors of phospholipids in choline deficiency. J. Blumenstein, 487.

Boissier, J. R.
Flurothyl in mice: seizure, post-convulsive behavior, and interactions with psychotropic drugs. J. R. Boissier, P. Simon, A. Villeneuve, and C. Larousse, 93.

Boucher, R.
Acute changes in plasma volume, renin activity, and free aldosterone levels in healthy subjects following Fursemide administration. J. Rosenthal, R. Boucher, W. Nowaczynski, and J. Genest, 85.
Opposite effect of harmaline on serotonin and on dopamine and its metabolites, homovanillic acid and norepinephrine, in the brain of the cat. L. J. Poirier, P. Singh, and R. Boucher, 585.

Bourdois, P.
Effect of angiotensin on the response to noradrenaline and sympathetic nerve stimulation, and on ^{3}H-noradrenaline uptake in cat mesenteric blood vessels. J.-C. Panisset and P. Bourdois, 125.

Boyd, E. M.
Dose–response changes in organ weights and water contents following rectal administration of toxic doses of acetylsalicylic acid. B. B. Coldwell and E. M. Boyd, 53.

The chronic oral toxicity of paracetamol at the range of the $LD_{50\ (100\ days)}$ in albino rats. E. M. Boyd and S. E. Hogan, 239.

Boyd, W. H.
The electrical activity of intercostal muscles during quiet breathing in rabbits. W. H. Boyd, 749.

Braid, P. E.
Potentiation of toxicity of Sumithion by phosphamidon in the rat. P. E. Braid and M. Nix, 133.

Brandi, G.
Regional myoglobin concentration in the myocardium of the dog. N. M. Anderson and G. Brandi, 908.

Braun, T.
Enhanced RNA and protein synthesis in adipose tissue of rats adapted to periodic hyperphagia. L. Kazdová, T. Braun, P. Fábry, and R. Poledne, 903.

Breckenridge, W. C.
Molecular species of lecithins of some functionally distinct rat tissues. A Kuksis, L. Marai, W. C. Breckenridge, D. A. Gornall, and O. Stachnyk, 511.

Brien, R. L.
Effect of chlorophenoxyisobutyrate on rat liver non-saponifiables. W. E. J. Phillips, M. R. Lakshmanan, and R. L. Brien, 81.

Britton, A.
A free fatty acid – free thyroxine relationship in serum. M. W. Radomski, A. Britton, and E. Schönbaum, 119.

Brossard, G. A.
Problems associated with selenium deficiency in beef calves. M. Hidiroglou, R. B. Carson, and G. A. Brossard, 853.

Brown-Grant, K.
The effect of a single injection of estradiol benzoate on thyroid function in intact male rats. K. Brown-Grant, 697.

Bucalossi, A.
Hemopexin in newborn infants of diabetic mothers. O. V. Sirek, A. Sirek, and A. Bucalossi, 417.

Bullard, T. R.
Age as a determinant of the effect of testosterone upon disuse osteoporosis of paralyzed limbs of rats. T. R. Bullard and H. A. Lindsay, 689.

Cairns, J. A.
A comparison of the amino acid concentrating ability of the kidney cortex of newborn and mature rats. W. A. Webber and J. A. Cairns, 165.

Campbell, J.
Elevation in serum insulin, albumin, and FFA, with gains in liver lipid and protein, induced by glucocorticoid treatment in dogs. J. Campbell and K. S. Rastogi, 421.

Carson, R. B.
Problems associated with selenium deficiency in beef calves. M. Hidiroglou, R. B. Carson, and G. A. Brossard, 853.

Chang, W. W. L.
Selective staining of secretory granules of adrenal medullary cells by silver methenamine: A light and electron microscopic study. W. W. L. Chang and S. A. Bencosme, 745.

Cheng, S. C.
Changes in DNA and RNA in the rat adenohypophysis following bilateral adrenalectomy, sham adrenalectomy, and the chronic injection of cortisol. J. Kraicer and S. C. Cheng, 431.

Chernecki, W.
The use of a binding agent, polyvinylpyrrolidone, in the treatment of experimental barbiturate intoxication in rabbits. J. Ruedy and W. Chernecki, 829.

Clarke, D. W.
The effect of serum from multiple sclerosis patients on the free fatty acid output of rat brain slices. D. W. Clarke and B. Gittens, 507.

Clinch, N. F.
Active state prolongation associated with depolarization in frog's skeletal muscle. N. F. Clinch, 805.

Coates, V.
The influence of diet on toxicity of the antioxidant 1,2-dihydro-6-ethoxy-2,2,4-trimethylquinoline. B. E. March, J. Biely, and V. Coates, 145.

Coddling, J. A.
Glycogen content of mouse hemidiaphragm as a biologic indicator of insulin action. J. K. Davidson, J. A. Coddling, and R. E. Haist, 361.

Coldwell, B. B.
Sleeping time and mortality of rats administered acetylsalicylic acid and barbiturates. B. B. Coldwell and J. M. Peters, 47.
Dose–response changes in organ weights and water contents following rectal administration of toxic doses of acetylsalicylic acid. B. B. Coldwell and E. M. Boyd, 53.

Coleman, I. W.
Cholinolytics in the treatment of anticholinesterase poisoning. V. The effectiveness of Parpanit with oximes in the treatment of organophosphorus poisoning. I. W. Coleman, G. E. Patton, and R. A. B. Bannard, 109.

Copp, D. H.
Effects of adrenaline on plasma calcium, phosphate, and blood glucose in the dog. S. S. Shim, D. H. Copp, and F. P. Patterson, 43.

Cort, J. H.
On the interaction of calcium, sodium, and water transport in the diuresing kidney. O. Schück and J. H. Cort, 275.
The source and chemical nature of the natriuretic activity of plasma evoked by saluretic "volume reflexes" J. H. Cort, 325.

Cramer, C. F.
Effect of Ca/P ratio and pH on calcium and phosphorus absorption from dog gut loops in vivo. C. F. Cramer, 171.
Crispin, J. S.
The effect of atropine on the gastroesophageal sphincter. J. F. Lind, J. S. Crispin, and D. K. McIver, 233.
Critz, J. B.
The effect of noradrenaline infusions and adrenergic blocking agents on serum glutamic–oxalacetic transaminase in dogs. D. J. Loegering and J. B. Critz, 627.
Cumming, G. R.
The calibration of bicycle ergometers. G. R. Cumming and W. D. Alexander, 917.
Davidson, J. K.
Glycogen content of mouse hemidiaphragm as a biologic indicator of insulin action. J. K. Davidson, J. A. Coddling, and R. E. Haist, 361.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.
Effects of substrates and hormones on glycogen content of the mouse hemidiaphragm in vitro. J. K. Davidson and R. E. Haist, 639.
DeFeudis, F. V.
Convulsions and γ-aminobutyric acid content of rat brain. F. V. DeFeudis and K. A. C. Elliott, 803.
Delisle, G.
The role of carnitine in the animal exposed to cold. G. Delisle and M. W. Radomski, 71.
Desai, I. D.
Plasma tocopherol levels in normal adults. I. D. Desai, 819.
Deshmankar, B. S.
A reappraisal of vascular effects of hexamethonium. J. A. Lewis and B. S. Deshmankar, 139.
Dietrich, C. P.
A microelectrophoresis method for heparin. L. B. Jaques, R. E. Ballieux, C. P. Dietrich, and L. W. Kavanagh, 351.
Dirks, J. H.
Regulation of sodium reabsorption by the proximal tubules in the dog. J. H. Dirks, 315.
Dryden, E. E.
Characteristics of nucleotide-converting enzymes at muscle surfaces with special reference to ion sensitivity. J. F. Manery, J. R. Riordan, and E. E. Dryden, 537.
Dziubalo-Blehm, S.
Factors affecting the retention of ^{59}Fe, ^{125}I, and ^{51}Cr by mice. P. V. Vittorio, S. Dziubalo-Blehm, and E. A. Watkins, 201.
Ecobichon, D. J.
Subcellular localization and drug-induced changes of rat liver and kidney esterases. W. S. Schwark and D. J. Ecobichon, 207.
Pharmacodynamic study of DDT in cockerels. D. J. Ecobichon and P. W. Saschenbrecker, 785.
Edwards, M. A.
Mechanical properties of semipermeable microcapsules. A. W. L. Jay and M. A. Edwards, 731.
Eisan, J. S.
Uricolytic enzymes in cod sperm. M. S. Mounib and J. S. Eisan, 283.
Elliott, K. A. C.
Convulsions and γ-aminobutyric acid content of rat brain. F. V. DeFeudis and K. A. C. Elliott, 803.
Fábry, P.
Enhanced RNA and protein synthesis in adipose tissue of rats adapted to periodic hyperphagia. L. Kazdová, T. Braun, P. Fábry, and R. Poledne, 903.
Feleki, V.
Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 19.
Erratum: Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 702.
Ferguson, B. A.
Release of tritiated noradrenaline from perfused rat hearts by sympathomimetic amines. C. W. Nash, S. A. Wolff, and B. A. Ferguson, 35.
Fraser, D.
Experimental parathyroid hormone deficiency produced by injection of antibodies to bovine parathyroid hormone. S. W. Kooh and D. Fraser, 441.
Fregly, M. J.
Effect of isomers of DDD on thyroid and adrenal function in rats. M. J. Fregly, I. W. Waters, and J. A. Straw, 59.
Water and electrolyte exchange in rats exposed to cold. M. J. Fregly, 873.
Friedman, C. L.
Effects of cooling and rewarming on Na, K, and tension changes in rat tail artery. S. M. Friedman, M. Nakashima, and C. L. Friedman, 25.
Compartments of sodium in a small artery. S. M. Friedman, B. Gustafson, D. Hamilton, and C. L. Friedman, 673.
Characteristics of temperature-dependent sodium exchanges in a small artery. S. M. Friedman, B. Gustafson, and C. L. Friedman, 681.
Friedman, S. M.
Effects of cooling and rewarming on Na, K, and tension changes in rat tail artery. S. M. Friedman, M. Nakashima, and C. L. Friedman, 25.
Compartments of sodium in a small artery. S. M. Friedman, B. Gustafson, D. Hamilton, and C. L. Friedman, 673.
Characteristics of temperature-dependent sodium exchanges in a small artery. S. M. Friedman, B. Gustafson, and C. L. Friedman, 681.

Funke, E. R. R.
Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 703.
Erratum: Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 920.
Gagnon, D. J.
A possible dual role of noradrenaline in cardiovascular responses mediated by the central nervous system. D. J. Gagnon and K. I. Melville, 595.
Gascon, A. L.
Inhibition of eledoisin by morin on the isolated guinea pig ileum. A. L. Gascon, 67.
Gayton, D. C.
The location of chloride in single striated muscle fibers of the giant barnacle. D. C. Gayton and J. A. M. Hinke, 213.
Genest, J.
Acute changes in plasma volume, renin activity, and free aldosterone levels in healthy subjects following Fursemide administration. J. Rosenthal, R. Boucher, W. Nowaczynski, and J. Genest, 85.
A method for production of experimental hypertension in rats. J. M. Rojo-Ortega and J. Genest, 883.
Ghose, A.
Glycolytic rate in noradrenaline-treated albino rats exposed to low pressure. S. Kaur and A. Ghose, 661.
Giavedoni, E.
Thrombin and acetylated thrombin in the activation of fibrinolysis. R. H. Landaburu, E. Giavedoni, and R. Santillán, 809.
Gifford, R. M.
Changes in regional blood flows induced by dopamine and by isoproterenol during experimental hemorrhagic shock. R. M. Gifford, K. L. MacCannell, J. L. McNay, and J. A. Haas, 847.
Gittens, B.
The effect of serum from multiple sclerosis patients on the free fatty acid output of rat brain slices. D. W. Clarke and B. Gittens, 507.
Goldenberg, M. M.
Angiotensin in the analysis of the intrinsic nerve supply of isolated intestines. M. M. Goldenberg, 159.
Gordon, E. R.
The utilization of ethanol by the isolated perfused rat liver. E. R. Gordon, 609.
Goresky, C. A.
The initial uptake of copper by the liver in the dog. C. A. Goresky, T. H. Holmes, and A. Sass-Kortsak, 771.
Gornall, A. G.
Renal–adrenal interrelationships in experimental hypertension. D. Ostrovsky, F. R. Papsin, and A. G. Gornall, 179.
Gornall, D. A.
Molecular species of lecithins of some functionally distinct rat tissues. A. Kuksis, L. Marai, W. C. Breckenridge, D. A. Gornall, and O. Stachnyk, 511.
Goyer, G. R.
Action of pyridine-2-aldoxime methochloride (PAM) on neuromuscular transmission in vitro and in vivo. G. R. Goyer, 757.
Greenway, C. V.
Effect of adrenaline and propranolol on the superior mesenteric artery blood flow. C. V. Greenway and A. E. Lawson, 906.
Gupta, P. D.
The role of afferents from the low-pressure system in the release of antidiuretic hormone during non-hypotensive hemorrhage. J. P. Henry, P. D. Gupta, J. P. Meehan, R. Sinclair, and L. Share, 287.
Gustafson, B.
Compartments of sodium in a small artery. S. M. Friedman, B. Gustafson, D. Hamilton, and C. L. Friedman, 673.
Characteristics of temperature-dependent sodium exchanges in a small artery. S. M. Friedman, B. Gustafson, and C. L. Friedman, 681.
Haag, A. L.
The effects of hypothermia and insulin on the distribution of glucose in some tissues of the rat. M. J. Henderson, A. L. Haag, and R. E. Haist, 399.
Haas, J. A.
Changes in regional blood flows induced by dopamine and by isoproterenol during experimental hemorrhagic shock. R. M. Gifford, K. L. MacCannell, J. L. McNay, and J. A. Haas, 847.
Haist, R. E.
Glycogen content of mouse hemidiaphragm as a biologic indicator of insulin action. J. K. Davidson, J. A. Coddling, and R. E. Haist, 361.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.
The effects of hypothermia and insulin on the distribution of glucose in some tissues of the rat. M. J. Henderson, A. L. Haag, and R. E. Haist, 399.
Effect of hypothermia on the secretion of immunoreactive insulin in response to glucose. B. J. Lin, J. Hunter, R. Weldon, and R. E. Haist, 411.
Effects of substrates and hormones on glycogen content of the mouse hemidiaphragm in vitro. J. K. Davidson and R. E. Haist, 639.
Hall, C. E.
Hormonally maintained high blood pressure following adrenalectomy in rats with adrenal-regeneration hypertension and its possible significance in the etiology of that disorder. C. E. Hall, O. B. Holland, and O. Hall, 269.
Restoration of adrenal-regeneration hypertension in corticosterone-blocked rats by ACTH. C. E. Hall and O. Hall, 837.

Hall, O.
Hormonally maintained high blood pressure following adrenalectomy in rats with adrenal-regeneration hypertension and its possible significance in the etiology of that disorder. C. E. Hall, O. B. Holland, and O. Hall, 269.
Restoration of adrenal-regeneration hypertension in corticosterone-blocked rats by ACTH. C. E. Hall and O. Hall, 837.
Hamilton, D.
Compartments of sodium in a small artery. S. M. Friedman, B. Gustafson, D. Hamilton, and C. L. Friedman, 673.
Hart, J. S.
Cardiac output and organ blood flow in warm- and cold-acclimated rats exposed to cold. L. Jansky and J. S. Hart, 653.
Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 703.
Erratum: Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 920.
Hartroft, W. S.
Alcohol, diet, and experimental hepatic injury. W. S. Hartroft and E. A. Porta, 463.
Hays, F. L.
Effects of beta-adrenergic blockade on the heart rate and energy expenditure of sheep during feeding and during acute cold exposure. A. J. F. Webster and F. L. Hays, 577.
Hayward, J. S.
The magnitude of noradrenaline-induced thermogenesis in the bat (*Myotis lucifugus*) and its relation to arousal from hibernation. J. S. Hayward, 713.
Heaney, D. P.
Metabolism of inorganic selenium in rumen bacteria. M. Hidiroglou, D. P. Heaney, and K. J. Jenkins, 229.
Henderson, M. J.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, M. J. Henderson, and R. E. Haist, 373.
The effects of hypothermia and insulin on the distribution of glucose in some tissues of the rat. M. J. Henderson, A. L. Haag, and R. E. Haist, 399.
Henry, J. P.
The role of afferents from the low-pressure system in the release of antidiuretic hormone during non-hypotensive hemorrhage. J. P. Henry, P. D. Gupta, J. P. Meehan, R. Sinclair, and L. Share, 287.
Herd, P. A.
Effect of norepinephrine and uncoupling agents on brown adipose tissue. B. A. Horwitz, P. A. Herd, and R. E. Smith, 897.
Héroux, O.
Fecal excretion of thyroxine in warm- and cold-acclimated rats. S. G. A. Magwood and O. Heroux, 601.
Thyroid parameters and metabolic adaptation to cold in rats fed a low-bulk thyroxine-free diet. O. Héroux, 843.
Hetenyi, G., Jr.
Adaptive changes in rates of appearance and disappearance of glucose in dogs following step changes in the rate of glucose infusion. G. Hetenyi, Jr. and G. A. Wrenshall, 391.
Hidiroglou, M.
Metabolism of inorganic selenium in rumen bacteria. M. Hidiroglou, D. P. Heaney, and K. J. Jenkins, 229.
Problems associated with selenium deficiency in beef calves. M. Hidiroglou, R. B. Carson, and G. A. Brossard, 853.
Hinke, J. A. M.
The location of chloride in single striated muscle fibers of the giant barnacle. D. C. Gayton and J. A. M. Hinke, 213.
Optical density changes of single muscle fibers in sodium-free solutions. S. G. A. McLaughlin and J. A. M. Hinke, 247.
Hogan, S. E.
The chronic oral toxicity of paracetamol at the range of the $LD_{50\ (100\ days)}$ in albino rats. E. M. Boyd and S. E. Hogan, 239.
Holland, O. B.
Hormonally maintained high blood pressure following adrenalectomy in rats with adrenal-regeneration hypertension and its possible significance in the etiology of that disorder. C. E. Hall, O. B. Holland, and O. Hall, 269.
Holmes, T. H.
The initial uptake of copper by the liver in the dog. C. A. Goresky, T. H. Holmes, and A. Sass-Kortsak, 771.
Horwitz, B. A.
Effect of norepinephrine and uncoupling agents on brown adipose tissue. B. A. Horwitz, P. A. Herd, and R. E. Smith, 897.
Huang, C. C.
Lipid composition of the subcellular elements, and mitochondrial respiration of the heart and liver in hypercholesterolemic rabbits. C. C. Huang and K. Kako, 823.
Hunter, J.
Effect of hypothermia on the secretion of immunoreactive insulin in response to glucose. B. J. Lin, J. Hunter, R. Weldon, and R. E. Haist, 411.
Jaju, B. P.
Hypotensive action of bretylium after central administration. B. P. Jaju, K. K. Tangri, and K. P. Bhargava, 687.
Jansky, L.
Cardiac output and organ blood flow in warm- and cold-acclimated rats exposed to cold. L. Jansky and J. S. Hart, 653.
Jaques, L. B.
Relation of emotional status to spontaneous hemorrhage in rats. H. B. Biem and L. B. Jaques, 221.
A microelectrophoresis method for heparin. L. B. Jaques, R. E. Ballieux, C. P. Dietrich, and L. W. Kavanagh, 351.

Jasper, H.
Use of a digital balance for the bioassay of acetylcholine. H. Jasper and I. Koyama, 692.
Jay, A. W. L.
Mechanical properties of semipermeable microcapsules. A. W. L. Jay and M. A. Edwards, 731.
Jenkins, K. J.
Metabolism of inorganic selenium in rumen bacteria. M. Hidiroglou, D. P. Heaney, and K. J. Jenkins, 229.
Jepson, J. H.
Role of erythropoietin and placental lactogen in the control of erythropoiesis during pregnancy. J. H. Jepson and L. Lowenstein, 573.
Johnson, G. E.
Lipid metabolism: Effects of immunosympathectomy and acclimation to cold. G. Steiner, E. Schönbaum, G. E. Johnson, and E. A. Sellers, 453.
Kabe, J.
A manometric determination of nitrogen in small samples of blood. Application to measurement of arterial–alveolar nitrogen difference in man. J. Kabe and P. H. Beaudry, 795.
Kako, K.
Lipid composition of the subcellular elements, and mitochondrial respiration of the heart and liver in hypercholesterolemic rabbits. C. C. Huang and K. Kako, 823.
Kalsner, S.
A method for the study of mechanisms of drug disposition in smooth muscle. S. Kalsner and M. Nickerson, 719.
Karch, P. B.
Diet and body weight loss in the rat during calorie restriction. P. B. Karch and J. R. Beaton, 101.
Kaur, S.
Glycolytic rate in noradrenaline-treated albino rats exposed to low pressure. S. Kaur and A. Ghose, 661.
Kavanagh, L. W.
A microelectrophoresis method for heparin. L. B. Jaques, R. E. Ballieux, C. P. Dietrich, and L. W. Kavanagh, 351.
Kawamura, T.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.
Kazdová, L.
Enhanced RNA and protein synthesis in adipose tissue of rats adapted to periodic hyperphagia. L. Kazdová, T. Braun, P. Fábry, and R. Poledne, 903.
Keeler, R.
Composition and function of rat kidneys after transient normothermic ischemia. R. Keeler, 739.
Kooh, S. W.
Experimental parathyroid hormone deficiency produced by injection of antibodies to bovine parathyroid hormone. S. W. Kooh and D. Fraser, 441.
Kowalewski, K.
Effect of growth hormone, an anabolic steroid, and cortisone upon various fractions of skin and bone hydroxyproline in mice. K. Kowalewski and S. Yong, 591.
Koyama, I.
Use of a digital balance for the bioassay of acetylcholine. H. Jasper and I. Koyama, 692.
Kraicer, J.
Changes in DNA and RNA in the rat adenohypophysis following bilateral adrenalectomy, sham adrenalectomy, and the chronic injection of cortisol. J. Kraicer and S. C. Cheng, 431.
Kuksis, A.
Molecular species of lecithins of some functionally distinct rat tissues. A. Kuksis, L. Marai, W. C. Breckenridge, D. A. Gornall, and O. Stachnyk, 511.
LaBella, F. S.
Storage and secretion of neurohypophyseal hormones. F. S. LaBella, 335.
Lakshmanan, M. R.
Effect of chlorophenoxyisobutyrate on rat liver non-saponifiables. W. E. J. Phillips, M. R. Lakshmanan, and R. L. Brien, 81.
Landaburu, R. H.
Thrombin and acetylated thrombin in the activation of fibrinolysis. R. H. Landaburu, E. Giavedoni, and R. Santillán, 809.
Larousse, C.
Flurothyl in mice: seizure, post-convulsive behavior, and interactions with psychotropic drugs. J. R. Boissier, P. Simon, A. Villeneuve, and C. Larousse, 93.
Lawson, A. E.
Effect of adrenaline and propranolol on the superior mesenteric artery blood flow. C. V. Greenway and A. E. Lawson, 906.
LeBlanc, A. E.
Microdetermination of alcohol in blood by gas–liquid chromatography. A. E. LeBlanc, 665.
Lee, S. L.
The hyperpolarizing effect of hydrogen ions on transmembrane potential in frog skeletal muscle. G. W. Mainwood and S. L. Lee, 151.
Lewis, J. A.
A reappraisal of vascular effects of hexamethonium. J. A. Lewis and B. S. Deshmankar, 139.
Lin, B. J.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.

Effect of hypothermia on the secretion of immunoreactive insulin in response to glucose. B. J. Lin, J. Hunter, R. Weldon, and R. E. Haist, 411.

Lind, J. F.
The effect of atropine on the gastroesophageal sphincter. J. F. Lind, J. S. Crispin, and D. K. McIver, 233.

Lindsay, H. A.
Age as a determinant of the effect of testosterone upon disuse osteoporosis of paralyzed limbs of rats. T. R. Bullard and H. A. Lindsay, 689.

Livingstone, S. D.
Calculation of mean body temperature. S. D. Livingstone, 15.
Animal respiratory mask F. G. Routledge, E. D. L. Topliff, and S. D. Livingstone, 700.

Loegering, D. J.
The effect of noradrenaline infusions and adrenergic blocking agents on serum glutamic–oxalacetic transaminase in dogs. D. J. Loegering and J. B. Critz, 627.

Logothetopoulos, J.
Electron microscopy of the pancreatic islets stimulated by insulin antibody. J. Logothetopoulos, 407.

Lowe, D. B.
The influence of sugars upon hypersensitivity reactions. G. E. Thompson, D. B. Lowe, and J. T. Mountain, 859.

Lowenstein, L.
Role of erythropoietin and placental lactogen in the control of erythropoiesis during pregnancy. J. H. Jepson and L. Lowenstein, 573.

Lucas, C. C.
Dietary protein and chronic intoxication with ethanol. C. C. Lucas, J. H. Ridout, and G. L. Lumchick, 475.

Lumchick, G. L.
Dietary protein and chronic intoxication with ethanol. C. C. Lucas, J. H. Ridout, and G. L. Lumchick, 475.

MacCannell, K. L.
Changes in regional blood flows induced by dopamine and by isoproterenol during experimental hemorrhagic shock. R. M. Gifford, K. L. MacCannell, J. L. McNay, and J. A. Haas, 847.

McGeer, P. L.
Inhibition of purine biosynthesis by analogues of 4(5)-aminoimidazole-5(4)-carboxamide. D. A. Peters and P. L. McGeer, 195.

McIver, D. K.
The effect of atropine on the gastroesophageal sphincter. J. F. Lind, J. S. Crispin, and D. K. McIver, 233.

McLaughlan, J. M.
Blood amino acid studies: Prediction of limiting amino acids in mixtures of dietary proteins. S. V. Rao, F. J. Noel, and J. M. McLaughlan, 707.

McLaughlin, S. G. A.
Optical density changes of single muscle fibers in sodium-free solutions. S. G. A. McLaughlin and J. A. M. Hinke, 247.

McNay, J. L.
Changes in regional blood flows induced by dopamine and by isoproterenol during experimental hemorrhagic shock. R. M. Gifford, K. L. MacCannell, J. L. McNay, and J. A. Haas, 847.

Madill, H. D.
Central and peripheral anticholinergic potency of some drugs antagonistic to anticholinesterase poisoning. H. D. Madill, W. C. Stewart, and M. L. Savoie, 559.

Magwood, S. G. A.
Fecal excretion of thyroxine in warm- and cold-acclimated rats. S. G. A. Magwood and O. Heroux, 601.

Mainwood, G. W.
The hyperpolarizing effect of hydrogen ions on transmembrane potential in frog skeletal muscle. G. W. Mainwood and S. L. Lee, 151.

Makara, G. B.
The hypophyseal–adrenocortical response to various different stressing procedures in ACTH-treated rats. E. Stark, Zs. Ács, G. B. Makara, and K. Mihály, 567.

Manery, J. F.
Characteristics of nucleotide-converting enzymes at muscle surfaces with special reference to ion sensitivity. J. F. Manery, J. R. Riordan, and E. E. Dryden, 537.

Marai, L.
Molecular species of lecithins of some functionally distinct rat tissues. A. Kuksis, L. Marai, W. C. Breckenridge, D. A. Gornall, and O. Stachnyk, 511.

March, B. E.
The influence of diet on toxicity of the antioxidant 1,2-dihydro-6-ethoxy-2,2,4-trimethylquinoline. B. E. March, J. Biely, and V. Coates, 145.

Marshall, K. C.
Action potentials in the nerve from the posterior semicircular canal of the cat. L. M. Smith, K. C. Marshall, and J. W. Scott, 549.

Masson, G. M. C.
Effects of renin on aldosterone secretion in the rat. G. M. C. Masson and R. H. Travis, 11.

Meehan, J. P.
The role of afferents from the low-pressure system in the release of antidiuretic hormone during non-hypotensive hemorrhage. J. P. Henry, P. D. Gupta, J. P. Meehan, R. Sinclair, and L. Share, 287.

Melville, K. I.
A possible dual role of noradrenaline in cardiovascular responses mediated by the central nervous system. D. J. Gagnon and K. I. Melville, 595.

Mercer, P. F.
The intrarenal distribution of urea-^{14}C as shown by autoradiography. R. D. Baynton and P. F. Mercer, 281.
Meyer, P.
Removal of angiotensins from the systemic circulation. P. Biron, P. Meyer, and J.-C. Panisset, 175.
Mihály, K.
The hypophyseal–adrenocortical response to various different stressing procedures in ACTH-treated rats. E. Stark, Zs. Ács, G. B. Makara, and K. Mihály, 567.
Mills, I. H.
The cardiovascular system and renal control of sodium excretion. I. H. Mills, 297.
Milojevic, S.
Studies on the relation between plasma antithrombin and heparin-cofactor. F. C. Monkhouse and S. Milojevic, 347.
Mogenson, G. J.
Anorexigenic effects of adrenaline, amphetamine, and FMS 1A. M. Russek, J. A. F. Stevenson, and G. J. Mogenson, 635.
Monkhouse, F. C.
Studies on the relation between plasma antithrombin and heparin-cofactor. F. C. Monkhouse and S. Milojevic, 347.
Mookerjea, S.
Impairment of plasma glycoprotein synthesis in choline deficiency compared with effects of carbon tetrachloride intoxication. S. Mookerjea, 499.
Moore, K. E.
Studies with chronically isolated rats: Tissue levels and urinary excretion of catecholamines and plasma levels of corticosterone. K. E. Moore, 553.
Moore, R. E.
A study of newborn rats exposed to the cold. G. E. Thompson and R. E. Moore, 865.
Moreland, J. E.
Mitochondrial populations and succinic dehydrogenase in the heart of a hibernator. M.L. Zimny and J. E. Moreland, 911.
Mounib, M. S.
Uricolytic enzymes in cod sperm. M. S. Mounib and J. S. Eisan, 283.
Mountain, J. T.
The influence of sugars upon hypersensitivity reactions. G. E. Thompson, D. B. Lowe, and J. T. Mountain, 859.
Myles, W. S.
The effect of hyperbaric oxygen on the GABA shunt pathway in brain homogenates. W. S. Myles and J. D. Wood, 669.
Nakashima, M.
Effects of cooling and rewarming on Na, K, and tension changes in rat tail artery. S. M. Friedman, M. Nakashima, and C. L. Friedman, 25.
Nash, C. W.
Release of tritiated noradrenaline from perfused rat hearts by sympathomimetic amines. C. W. Nash, S. A. Wolff, and B. A. Ferguson, 35.
Nickerson, M.
A method for the study of mechanisms of drug disposition in smooth muscle. S. Kalsner and M. Nickerson, 719.
Nishimura, T.
Energy and water requirements in the house mouse (*Mus musculus*). A. J. Wood and T. Nishimura, 617.
Nix, M.
Potentiation of toxicity of Sumithion by phosphamidon in the rat. P. E. Braid and M. Nix, 133.
Noel, F. J.
Blood amino acid studies: Prediction of limiting amino acids in mixtures of dietary proteins. S. V. Rao, F. J. Noel, and J. M. McLaughlan, 707.
Nowaczynski, W.
Acute changes in plasma volume, renin activity, and free aldosterone levels in healthy subjects following Fursemide administration. J. Rosenthal, R. Boucher, W. Nowaczynski, and J. Genest, 85.
Ostrovsky, D.
Renal–adrenal interrelationships in experimental hypertension. D. Ostrovsky, F. R. Papsin, and A. G. Gornall, 179.
Pagé, E.
The fat-free dry matter of epididymal adipose tissue in relation to metabolic activity. L. Trahan and E. Pagé, 914.
Pal, B. C.
Phosphonolipids. XV. Synthesis of a dihydroceramide aminoethylphosphonate. E. Baer and B. C. Pal, 525.
Panisset, J.-C.
Effect of angiotensin on the response to noradrenaline and sympathetic nerve stimulation, and on ^{3}H-noradrenaline uptake in cat mesenteric blood vessels. J.-C. Panisset and P. Bourdois, 125.
Removal of angiotensins from the systemic circulation. P. Biron, P. Meyer, and J.-C. Panisset, 175.
Papsin, F. R.
Renal–adrenal interrelationships in experimental hypertension. D. Ostrovsky, F. R. Papsin, and A. G. Gornall, 179.
Patterson, F. P.
Effects of adrenaline on plasma calcium, phosphate, and blood glucose in the dog. S. S. Shim, D. H. Copp, and F. P. Patterson, 43.
Patton, G. E.
Cholinolytics in the treatment of anticholinesterase poisoning. V. The effectiveness of Parpanit with oximes in the treatment of organophosphorus poisoning. I. W. Coleman, G. E. Patton, and R. A. B. Bannard, 109.
Pearce, J. W.
The renal response to volume expansion. J. W. Pearce, 305.

Peters, D. A.
Inhibition of purine biosynthesis by analogues of 4(5)-aminoimidazole-5(4)-carboxamide. D. A. Peters and P. L. McGeer, 195.
Peters, J. M.
Sleeping time and mortality of rats administered acetylsalicylic acid and barbiturates. B. B. Coldwell and J. M. Peters, 47.
Phillips, W. E. J.
Effect of chlorophenoxyisobutyrate on rat liver non-saponifiables. W. E. J. Phillips, M. R. Lakshmanan, and R. L. Brien, 81.
Poirier, L. J.
Opposite effect of harmaline on serotonin and on dopamine and its metabolites, homovanillic acid and norepinephrine, in the brain of the cat. L. J. Poirier, P. Singh, and R. Boucher, 585.
Poledne, R.
Enhanced RNA and protein synthesis in adipose tissue of rats adapted to periodic hyperphagia. L. Kazdová, T. Braun, P. Fábry, and R. Poledne, 903.
Polosa, C.
Spontaneous activity of sympathetic preganglionic neurons. C. Polosa, 887.
Porta, E. A.
Alcohol, diet, and experimental hepatic injury. W. S. Hartroft and E. A. Porta, 463.
Radomski, M. W.
The role of carnitine in the animal exposed to cold. G. Delisle and M. W. Radomski, 71.
A free fatty acid – free thyroxine relationship in serum. M. W. Radomski, A. Britton, and E. Schönbaum, 119.
Rao, S. V.
Blood amino acid studies: Prediction of limiting amino acids in mixtures of dietary proteins. S. V. Rao, F. J. Noel, and J. M. McLaughlan, 707.
Rappaport, A. M.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.
Rastogi, K. S.
Elevation in serum insulin, albumin, and FFA, with gains in liver lipid and protein, induced by glucocorticoid treatment in dogs. J. Campbell and K. S. Rastogi, 421.
Ridout, J. H.
Dietary protein and chronic intoxication with ethanol. C. C. Lucas, J. H. Ridout, and G. L. Lumchick, 475.
Riordan, J. R.
Characteristics of nucleotide-converting enzymes at muscle surfaces with special reference to ion sensitivity. J. F. Manery, J. R. Riordan, and E. E. Dryden, 537.
Robinson, S. M.
Heat tolerance of the resting and exercising rat. S. M. Robinson, W. F. Blatt, and C. Teplitz, 189.
Rojo-Ortega, J. M.
A method for production of experimental hypertension in rats. J. M. Rojo-Ortega and J. Genest, 883.
Ronchi, M.
The effect of chymotrypsin on the gastrointestinal absorption, tissue penetration, and pharmacological activity of drugs. I. Penetration of penicillin through the blood–brain and blood–retinal barriers. A. Wohlman, M. Syed, and M. Ronchi, 815.
Rosenfeld, B.
Effects of a single choline-deficient meal on the phospholipids of hepatic particulate lipid of the rat. B. Rosenfeld, 495.
Rosenthal, J.
Acute changes in plasma volume, renin activity, and free aldosterone levels in healthy subjects following Fursemide administration. J. Rosenthal, R. Boucher, W. Nowaczynski, and J. Genest, 85.
Routledge, F. G.
Animal respiratory mask. F. G. Routledge, E. D. L. Topliff, and S. D. Livingstone, 700.
Ruedy, J.
The use of a binding agent, polyvinylpyrrolidone, in the treatment of experimental barbiturate intoxication in rabbits. J. Ruedy and W. Chernecki, 829.
Russek, M.
Anorexigenic effects of adrenaline, amphetamine, and FMS 1A. M. Russek, J. A. F. Stevenson, and G. J. Mogenson, 635.
Sacra, P. J.
Experimental immune hemolytic anemia and blood sugar levels. V. W. Adamkiewicz, V. M. Skanes, and P. J. Sacra, 621.
Santillán, R.
Thrombin and acetylated thrombin in the activation of fibrinolysis. R. H. Landaburu, E. Giavedoni, and R. Santillán, 809.
Sardesai, V. M.
Determination of bradykinin in blood and bradykininogen in tissues. V. M. Sardesai, 77.
Saschenbrecker, P. W.
Pharmacodynamic study of DDT in cockerels. D. J. Ecobichon and P. W. Saschenbrecker, 785.
Sass-Kortsak, A.
The initial uptake of copper by the liver in the dog. C. A. Goresky, T. H. Holmes, and A. Sass-Kortsak, 771.
Savoie, M. L.
Central and peripheral anticholinergic potency of some drugs antagonistic to anticholinesterase poisoning. H. D. Madill, W. C. Stewart, and M. L. Savoie, 559.

Schönbaum, E.
A free fatty acid – free thyroxine relationship in serum. M. W. Radomski, A. Britton, and E. Schönbaum, 119.
Lipid metabolism: Effects of immunosympathectomy and acclimation to cold. G. Steiner, E. Schönbaum, G. E. Johnson, and E. A. Sellers, 453.
Schubert, D. S. P.
Increase in palmar sweat gland activity by heat. D. S. P. Schubert, 691.
Schück, O.
On the interaction of calcium, sodium, and water transport in the diuresing kidney. O. Schück and J. H. Cort, 275.
Schwark, W. S.
Subcellular localization and drug-induced changes of rat liver and kidney esterases. W. S. Schwark and D. J. Ecobichon, 207.
Scott, J. W.
Action potentials in the nerve from the posterior semicircular canal of the cat. L. M. Smith, K. C. Marshall, and J. W. Scott, 549.
Sellers, E. A.
Lipid metabolism: Effects of immunosympathectomy and acclimation to cold. G. Steiner, E. Schönbaum, G. E. Johnson, and E. A. Sellers, 453.
Share, L.
The role of afferents from the low-pressure system in the release of antidiuretic hormone during non-hypotensive hemorrhage. J. P. Henry, P. D. Gupta, J. P. Meehan, R. Sinclair, and L. Share, 287.
Shim, S. S.
Effects of adrenaline on plasma calcium, phosphate, and blood glucose in the dog. S. S. Shim, D. H. Copp, and F. P. Patterson, 43.
Simard-Duquesne, N.
The activity of carnitine palmitoyl transferase in the liver mitochondria of rats fed thrombogenic diets. N. Simard-Duquesne, 120.
Simon, P.
Flurothyl in mice: seizure, post-convulsive behavior, and interactions with psychotropic drugs. J. R. Boissier, P. Simon, A. Villeneuve, and C. Larousse, 93.
Sinclair, R.
The role of afferents from the low-pressure system in the release of antidiuretic hormone during non-hypotensive hemorrhage. J. P. Henry, P. D. Gupta, J. P. Meehan, R. Sinclair, and L. Share, 287.
Singh, P.
Opposite effect of harmaline on serotonin and on dopamine and its metabolites, homovanillic acid and norepinephrine, in the brain of the cat. L. J. Poirier, P. Singh, and R. Boucher, 585.
Sirek, A.
Hemopexin in newborn infants of diabetic mothers. O. V. Sirek, A. Sirek, and A. Bucalossi, 417.
Sirek, O. V.
Hemopexin in newborn infants of diabetic mothers. O. V. Sirek, A. Sirek, and A. Bucalossi, 417.
Skanes, V. M.
Experimental immune hemolytic anemia and blood sugar levels. V. W. Adamkiewicz, V. M. Skanes, and P. J. Sacra, 621.
Smith, L. M.
Action potentials in the nerve from the posterior semicircular canal of the cat. L. M. Smith, K. C. Marshall, and J. W. Scott, 549.
Smith, R. E.
Effect of norepinephrine and uncoupling agents on brown adipose tissue. B. A. Horwitz, P. A. Herd, and R. E. Smith, 897.
Stachnyk, O.
Molecular species of lecithins of some functionally distinct rat tissues. A. Kuksis, L. Marai, W. C. Breckenridge, D. A. Gornall, and O. Stachnyk, 511.
Stark, E.
The hypophyseal–adrenocortical response to various different stressing procedures in ACTH-treated rats. E. Stark, Zs. Ács, G. B. Makara, and K. Mihály, 567.
Steiner, G.
Lipid metabolism: Effects of immunosympathectomy and acclimation to cold. G. Steiner, E. Schönbaum, G. E. Johnson, and E. A. Sellers, 453.
Stevenson, J. A. F.
Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 19.
Anorexigenic effects of adrenaline, amphetamine, and FMS 1A. M. Russek, J. A. F. Stevenson, and G. J. Mogenson, 635.
Erratum: Factors in the reduced food intake of rats fed a low-protein diet. J. R. Beaton, V. Feleki, and J. A. F. Stevenson, 702.
Stewart, W. C.
Central and peripheral anticholinergic potency of some drugs antagonistic to anticholinesterase poisoning. H. D. Madill, W. C. Stewart, and M. L. Savoie, 559.
Straw, J. A.
Effect of isomers of DDD on thyroid and adrenal function in rats. M. J. Fregly, I. W. Waters, and J. A. Straw, 59.
Syed, M.
The effect of chymotrypsin on the gastrointestinal absorption, tissue penetration, and pharmacological activity of drugs. I. Penetration of penicillin through the blood–brain and blood–retinal barriers. A. Wohlman, M. Syed, and M. Ronchi, 815.

Tangri, K. K.
Hypotensive action of bretylium after central administration. B. P. Jaju, K. K. Tangri, and K. P. Bhargava, 687.
Teplitz, C.
Heat tolerance of the resting and exercising rat. S. M. Robinson, W. F. Blatt, and C. Teplitz, 189.
Thompson, G. E.
The influence of sugars upon hypersensitivity reactions. G. E. Thompson, D. B. Lowe, and J. T. Mountain, 859.
A study of newborn rats exposed to the cold. G. E. Thompson and R. E. Moore, 865.
Tolnai, S.
Effects of parathyroid hormone on bone acid hydrolases in tissue culture. S. Tolnai, 261.
Topliff, E. D. L.
Animal respiratory mask. F. G. Routledge, E. D. L. Topliff, and S. D. Livingstone, 700.
Trahan, L.
The fat-free dry matter of epididymal adipose tissue in relation to metabolic activity. L. Trahan and E. Pagé, 914.
Travis, R. H.
Effects of renin on aldosterone secretion in the rat. G. M. C. Masson and R. H. Travis, 11.
Usher, D. R.
The influence of norethindrone and mestranol on pituitary–adrenal function. D. R. Usher, 694.
Valeriote, F. A.
The effect of X-irradiation and thermal burn on the intestinal mucosa. D. G. Baker and F. A. Valeriote, 533.
Villeneuve, A.
Flurothyl in mice: seizure, post-convulsive behavior, and interactions with psychotropic drugs. J. R. Boissier, P. Simon, A. Villeneuve, and C. Larousse, 93.
Vittorio, P. V.
Factors affecting the retention of ^{59}Fe, ^{125}I, and ^{51}Cr by mice. P. V. Vittorio, S. Dziubalo-Blehm, and E. A. Watkins, 201.
Vranic, M.
Matched rates of insulin infusion and secretion and concurrent tracer-determined rates of glucose appearance and disappearance in fasting dogs. M. Vranic and G. A. Wrenshall, 383.
Walker, B. L.
Inhibition of thiourea-induced hemolysis by plasma. B. L. Walker, 284.
Waters, I. W.
Effect of isomers of DDD on thyroid and adrenal function in rats. M. J. Fregly, I. W. Waters, and J. A. Straw, 59.
Watkins, E. A.
Factors affecting the retention of ^{59}Fe, ^{125}I, and ^{51}Cr by mice. P. V. Vittorio, S Dziubalo-Blehm, and E. A. Watkins, 201.
Watson, W. J.
The effect of intraperitoneal injections of hyperosmotic solutions on convulsions induced by drugs and hyperbaric oxygen. J. D. Wood and W. J. Watson, 649.
Webber, W. A.
A comparison of the amino acid concentrating ability of the kidney cortex of newborn and mature rats. W. A. Webber and J. A. Cairns, 165.
A comparison of the efflux rates of AIB from kidney cortex slices of mature and newborn rats. W. A. Webber, 765.
Webster, A. J. F.
Effects of beta-adrenergic blockade on the heart rate and energy expenditure of sheep during feeding and during acute cold exposure. A. J. F. Webster and F. L. Hays, 577.
Weldon, R.
Effect of hypothermia on the secretion of immunoreactive insulin in response to glucose. B. J. Lin, J. Hunter, R. Weldon, and R. E. Haist, 411.
West, G. C.
Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 703.
Erratum: Power spectral density and probability analysis of electromyograms in shivering birds. G. C. West, E. R. R. Funke, and J. S. Hart, 920.
Wohlman, A.
The effect of chymotrypsin on the gastrointestinal absorption, tissue penetration, and pharmacological activity of drugs. I. Penetration of penicillin through the blood–brain and blood–retinal barriers. A. Wohlman, M. Syed, and M. Ronchi, 815.
Wolff, S. A.
Release of tritiated noradrenaline from perfused rat hearts by sympathomimetic amines. C. W. Nash, S. A. Wolff, and B. A. Ferguson, 35.
Wood, A. J.
Energy and water requirements in the house mouse (*Mus musculus*). A. J. Wood and T. Nishimura, 617.
Wood, J. D.
The effect of intraperitoneal injections of hyperosmotic solutions on convulsions induced by drugs and hyperbaric oxygen. J. D. Wood and W. J. Watson, 649.
The effect of hyperbaric oxygen on the GABA shunt pathway in brain homogenates. W. S. Myles and J. D. Wood, 669.
Wrenshall, G. A.
Matched rates of insulin infusion and secretion and concurrent tracer-determined rates of glucose appearance and disappearance in fasting dogs. M. Vranic and G. A. Wrenshall, 383.
Adaptive changes in rates of appearance and disappearance of glucose in dogs following step changes in the rate of glucose infusion. G. Hetenyi, Jr. and G. A. Wrenshall, 391.

Yip, C. C.
The effects of propylthiouracil, thyroxine, and hypophysectomy on the iodinating activity of the rat thyroid gland. A. E. Zimmerman and C. C. Yip, 449.
Yong, S.
Effect of growth hormone, an anabolic steroid, and cortisone upon various fractions of skin and bone hydroxyproline in mice. K. Kowalewski and S. Yong, 591.
Zelin, S.
Quantitative determination of insulin output following an intravenous glucose tolerance test in the dog. A. M. Rappaport, J. K. Davidson, T. Kawamura, B. J. Lin, S. Zelin, J. Henderson, and R. E. Haist, 373.
Zimmerman, A. E.
The effects of propylthiouracil, thyroxine, and hypophysectomy on the iodinating activity of the rat thyroid gland. A. E. Zimmerman and C. C. Yip, 449.
Zimny, M. L.
Mitochondrial populations and succinic dehydrogenase in the heart of a hibernator. M. L. Zimny and J. E. Moreland, 911.
Zsotér, T.
The effect of aminophylline and isoproterenol on venous distensibility. T. Zsotér, 225.